

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Not for submission under 37 CFR 1.99)

Application Number	10603998
Filing Date	2003-06-25
First Named Inventor	Bennett
Art Unit	2626
Examiner Name	Martin Lerner
Attorney Docket Number	PHO 99002CIP

U.S. PATENTS**Remove**

Examiner Initial*	Cite No	Patent Number	Kind Code ¹	Issue Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
me	1	7082397		2006-07-25	Cohen et al.	
	2	7031925		2006-04-18	Goldberg	
	3	7020609		2006-03-28	Thrift et al.	
	4	7003463		2006-02-21	Maes et al.	
	5	6944586		2005-09-13	Harless et al.	
	6	6862713		2005-03-01	Kraft et al.	
	7	6856960		2005-02-15	Dragosh et al.	
me	8	6665644		2003-12-16	Kanevsky et al.	

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Art Unit	2626	
Examiner Name	Martin Lerner	
Attorney Docket Number	PHO 99002CIP	

me	9	6601026		2003-07-29	Appelt et al.	
↑	10	6453290		2002-09-17	Jochumson	
	11	6446064		2002-09-03	Livowsky	
	12	6434524		2002-08-13	Weber	
	13	6393403		2002-05-21	Majaniemi	
	14	6327343		2001-12-04	Epstein et al.	
	15	6314402		2001-11-06	Monaco et al.	
	16	6175634		2001-01-16	Graumann	
	17	6173279		2001-01-09	Levin et al.	
	18	6105023		2000-08-15	Callan	
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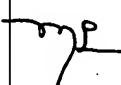
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me	20	6078914		2000-06-20	Redfern	
↑	21	6061646		2000-05-09	Martino et al.	
	22	5905773		1999-05-18	Wong	
	23	5865626		1999-02-02	Beattie et al.	
	24	5802251		1998-09-01	Cohen et al.	
	25	5774841		1998-06-30	Salazar et al.	
	26	5758023		1998-05-26	Bordeaux	
	27	5694592		1997-12-02	Driscoll	
	28	5625814		1997-04-29	Luciw	
	29	5524169		1996-06-04	Cohen et al.	
me	30	5454106		1995-09-26	Burns et al.	

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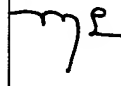
	31	5278980		1994-01-11	Pedersen et al.	
	32	5730603		1998-03-24	Harless	

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Examiner Initial*	Cite No	Publication Number	Kind Code ¹	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
	1	20010013001		2001-08-09	Brown et al.	

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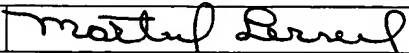
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EXAMINER SIGNATURE

Examiner Signature		Date Considered	03/06/2007
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number		10603998	
	Filing Date		2003-06-25	
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	Examiner Name	Richemond Dorvil		
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Examiner Initial*	Cite No	Patent Number	Kind Code ¹	Issue Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
ME	1	7058573		2006-06-06	Murveit et al.	

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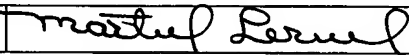
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Attorney Docket Number	PHO 99002CIP

	1	COFFMAN, Daniel et al., Provisional Application for Patent, Application Number 60/117,595, filed January 27, 1999, 111 pages.	<input type="checkbox"/>
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Application Number		10603998
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Art Unit	2654	
Examiner Name	Richemond Dorvil	
Attorney Docket Number	PHO 99002CIP	

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Examiner Initial*	Cite No	Patent Number	Kind Code ¹	Issue Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
me ↑	1	5765130		1998-06-09	Nguyen	
	2	5794193		1998-08-11	Gorin	
	3	5956675		1999-09-21	Setlur et al.	
	4	6018736		2000-01-25	Gilai et al.	
	5	6021384		2000-02-01	Gorin et al	
	6	6122613		2000-09-19	Baker	
	7	6173261		2001-01-09	Arai et al.	
me ↓	8	6269153		2001-07-31	Carpenter et al.	

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Art Unit	2654
Examiner Name	Richemond Dorvil
Attorney Docket Number	PHO 99002CIP

me	9	6519562		2003-02-11	Phillips et al.	
me	10	6651043		2003-11-18	Ammicht	
me	11	6842767		2005-01-11	Partovi et al.	

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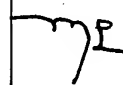
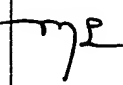

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me	1	BUO, Finn Dag et al., "Learning to parse spontaneous speech." Believed to be published In ICSLP, 1996, 4 pages.	<input type="checkbox"/>

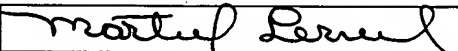
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	2	GOLDEN, J. et al., "Automatic Topic Identification for Two-level Call Routing," Proc. International Conference on Acoustics, Speech and Signal Processing, volume 1, pp. 509-512, 1999.	<input type="checkbox"/>
	3	CARBONELL, J. et al., "Dynamic strategy selection in flexible parsing.) In Proceedings of the 19th annual meeting of the ACL (ACL 81), 1981, pp. 143-147.	<input type="checkbox"/>
	4	SENEFF, S. et al., "Galaxy-II: a Reference Architecture for Conversational System Development," Believed to be published in Proceedings of ICSLP98 (1998), 4 pages.	<input type="checkbox"/>
	5	MICROSOFT INTERNET DEVELOPER, "Add Natural Language Search Capabilities to Your Site with English Query," http://www.microsoft.com/mind/0498/equery.asp , 1998, 9 pages.	<input type="checkbox"/>
	6	CARROLL, J. et al., "Dialogue Management in Vector-Based Call Routing," Believed to be published In Proceedings of the Annual Meeting of the Association for Computational Linguistics, 1998, pp. 256-262.	<input type="checkbox"/>
	7	KAISER, Ed., "Robust, Finite-state Parsing for Spoken Language", Student Session of ACL '99, June 1999, pp. 573-578.	<input type="checkbox"/>

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ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

Stylesheet Version v18.0

Title of Invention

Speech based learning/training system using semantic decoding

Application Number : 10/603998



Confirmation Number: 4756

First Named Applicant: Ian Bennett

Attorney Docket Number: PHO 99002CIP

Art Unit: 2654

Examiner: Richemond Dorvil

Search string: (6965890 or 6965864 or 6964012 or 6961954 or 6941273 or 6940953 or 6922733 or 6584464 or 6182068 or 6785654 or 6785647 or 6742021 or 6738743 or 6665640 or 6633846 or 6615172 or 6216013).pn

US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

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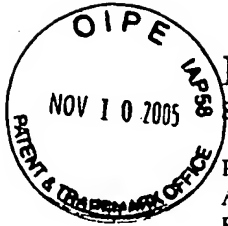
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Date

Matthew L. Dorvil

06 MARCH 2007



Information Disclosure Statement By Applicant

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Page 1 of 1

Application Number: 10/603,998

Filing Date: 06/25/2003

First Named Inventor: Bennett

Art Unit: 2654

Examiner Name: Richemond Dorvil

Attorney Docket Number: PHO 99002CIP

Examiner Initials	Other Publications
ME	COX, Richard V. et al., "Speech and Language Processing for Next-Millennium Communications Services," Proceedings of the IEEE, Vol. 88, No. 8, August 2000, pp. 1314-1337.
ME	KUHN, Roland, and Renato De Mori, "The Application of Semantic Classification Trees to Natural Language Understanding," IEEE TRANSACTIONS ON PATTERN ANALYSIS AND MACHINE INTELLIGENCE, VOL. 17, NO. 5, MAY 1995, pp. 449-460.
ME	Unisys Corp., "Natural Language Speech Assistant (NLSA) Capabilities Overview," NLR 3.0, August 1998, Malvern, PA, 27 pages.

Examiner
Signature:

Richemond Dorvil

Date
Considered:

06 MARCH 2007

ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

Stylesheet Version v18.0

Title of Invention	Speech based learning/training system using semantic decoding
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Application Number : 10/603998



Confirmation Number: 4756

First Named Applicant: Ian Bennett

Attorney Docket Number: PHO 99002CIP

Art Unit: 2654

Examiner: Richemond Dorvil

Search string: (5509104 or 5652897 or 5675707 or 5860063 or 5987410 or 5995918 or 6044337 or 6192110 or 6195636 or 6226610 or 6246986 or 6374226 or 6418199 or 6434529 or 6499011 or 6499013 or 6510411 or 6513037 or 6532444 or 6594348 or 6681206 or 6823308 or 6871179 or 20020032566 or 20030191625 or 20050091056 or 20050131704).pn

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Note: Applicant is not required to submit a paper copy of cited US Patent Documents

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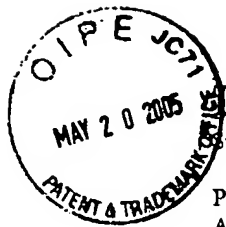
US Published Applications

Note: Applicant is not required to submit a paper copy of cited US Published Applications

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MP	1	20020032566	2002-03-14	Tzirkel-Hancock et al.			
MP	2	20030191625	2003-10-09	Gorin et al.			
MP	3	20050091056	2005-04-28	Surace et al.			
MP	4	20050131704	2005-06-16	Dragosh et al.			

Signature

Examiner Name	Date
<i>Matthew Perreel</i>	06 MARCH 2007



Information Disclosure Statement By Applicant

Substitute for form 1449/PTO

Page 1 of 1

Application Number: 10/603,998

Filing Date: 06/25/2003

First Named Inventor: Bennett

Art Unit: 2655

Examiner Name: Doris Ha To

Attorney Docket Number: PHO 99002CIP

Examiner Initials	Other Publications
ME	European Patent Office search report for EP Application Number 00977144, dated March 30, 2005, 5 pages.
ME	BURSTEIN, A. et al. "Using Speech Recognition In A Personal Communications System," <i>Proceedings of the International Conference on Communications</i> , Chicago, Illinois, June 14-18, 1992, pages 1717-1721.
ME	DIGALAKIS, V. et al., "Quantization Of Cepstral Parameters For Speech Recognition Over The World Wide Web," <i>IEEE Journal on Selected Areas of Communications</i> , 1999, pages 82-90.
ME	KUHN, T. et al., "Hybrid In-Car Speech Recognition For Mobile Multimedia Applications," <i>Vehicular Technology Conference</i> , Houston, Texas, May 1999, pages 2009-2013.

Examiner Signature: *Mattuel Perreel*

Date Considered: 06 MARCH 2007

Information Disclosure Statement By Applicant

Substitute for form 1449/PTO



Page 1 of 1

Application Number: 10/603,998

Filing Date: 06/25/2003

First Named Inventor: Bennett

Art Unit: 2655

Examiner Name: Doris Ha To

Attorney Docket Number: PHO 99002CIP

Examiner Initials	Other Publications
MF	AGARWAL, R., "Towards a PURE Spoken Dialogue System for Information Access," believed to be published in <u>Proceedings of the ACL/EACL Workshop on Interactive Spoken Dialog Systems: Bringing Speech and NLP Together in Real Applications</u> , Madrid, Spain, 1997, 9 pages.
MF	AMMICH, Egbert et al., "Knowledge Collection for Natural Language Spoken Dialog Systems," believed to be published in <u>Proc. Eurospeech</u> , Volume 3, Page 1375-1378, Budapest, Hungary, Sep. 1999, 4 pages.
MF	AT&T Corp., "Network Watson 1.0 System Overview," 1998, 4 pages.
MF	AT&T Corp., "AT&T WATSON Advanced Speech Applications Platform," 1996, 3 pages.
MF	AT&T Corp., "AT&T WATSON Advanced Speech Applications Platform Version 2.0," 1996, 3 pages.
MF	AT&T Corp., "AT&T WATSON Advanced Speech Application Platform Version 2.0," 1996, 8 pages.
MF	GORIN, Allen, "Processing of Semantic Information in Fluently Spoken Language," believed to be published in <u>Proc. ICSLP</u> , Philadelphia, PA, Oct. 1996, 4 pages.
MF	GORIN, Allen et al., "How May I Help You," believed to be published in <u>Proc. IVTTA</u> , Basking Ridge, NJ, Oct. 1996, 32 pages.
MF	MOHRI, Mehryar, "String Matching With Automata," <u>Nordic Journal of Computing</u> , 1997, 15 pages.
MF	Prudential News, "Prudential Pilots Revolutionary New Speech-Based Telephone Customer Service System Developed by AT&T Labs - Company Business and Marketing," December 6, 1999, 3 pages.
MF	RICCARDI, Giuseppe et al., "A spoken language system for automated call routing," believed to be published in <u>Proc. ICASSP '97</u> , 1997, 4 pages.
MF	SHARP, Douglas, et al., "The Watson Speech Recognition Engine," accepted by ICASSP, 1997, 9 pages.

Examiner
Signature:

Matthew Lerner

Date
Considered:

06 MARCH 2007

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Electronic Version v18

Stylesheet Version v18.0

Title of Invention	Speech based learning/training system using semantic decoding
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Application Number : 10/603998



Confirmation Number: 4756

First Named Applicant: Ian Bennett

Attorney Docket Number: PHO 99002CIP

Art Unit: 2655

Examiner: Doris Ha To

Search string: (6697780 or 6614885 or 6594269 or 6574597 or 6567778 or 6522725 or 6453020 or 6292781 or 6292767 or 6278973 or 6246989 or 6243679 or 6178404 or 6125341 or 6125284 or 6044266 or 6032111 or 5978756 or 5680511 or 5668854 or 5553119 or 5371901).pn

US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
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A	2	6614885	2003-09-02	Polcyn			
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Signature

Examiner Name	Date
<i>Matthew Perre</i>	06 MARCH 2007

Information Disclosure Statement By Applicant

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Application Number: 10/603,998

Filing Date: 06/25/2003

First Named Inventor: Bennett

Art Unit: 2641

Examiner Name: N/A

Attorney Docket Number: PHO 99002C

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Examiner Signature: *Matthew Perini*

Date Considered: 03/06/2007

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Application Number: 10/603,998

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First Named Inventor: Bennett

Art Unit: 2641

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Filing Date: 06/25/2003

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Markus Lerner

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Information Disclosure Statement By Applicant

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Application Number: 10/603,998

Filing Date: 06/25/2003

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Filing Date: 06/25/2003.

First Named Inventor: Bennett

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Attorney Docket Number: PHO 99002C

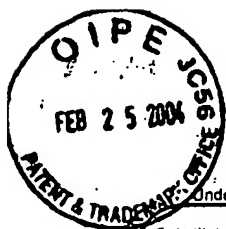
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STATEMENT BY APPLICANT**

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Application Number	10/603,998
Filing Date	06/25/2003
First Named Inventor	Bennett
Art Unit	2641
Examiner Name	N/A
Attorney Docket Number	PHO 99002CIP

Sheet	1	of	3
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NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
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Examiner Signature	<i>Matthew Perini</i>	Date Considered	03/06/2007
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Sheet 2 of 3

Application Number 10/603,998

Filing Date 06/25/2003

First Named Inventor Bennett

Art Unit 2641

Examiner Name N/A

Attorney Docket Number PHO 99002CIP

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